

Welcome!

Sea Street Corridor Improvements
Quincy, MA | Project File No. 608707

DESIGN PUBLIC HEARING

**Broad Meadows Middle School
December 5th, 2019 | 7:00 P.M.**



Sea Street Corridor Improvements
Quincy, MA | Project File No. 608707

Introduction

MassDOT

Project Manager: Thomas Currier, PE

City of Quincy

Mayor's Office: Frank Tramontozzi, PE

TPAL Director: Chris Cassani

Traffic Engineer: Allison Ruel, PE

Designer, BETA Group, Inc.

Christopher Roy, PE

Jaklyn Centracchio, PE, PTOE

History of Public Outreach


- **Presentation to the Public – October 28, 2015**



Project Team



City of Quincy
Project Proponent

BETA Group, Inc. 
Responsible for Design

MassDOT's Highway
Division
Responsible for administering
the Design Process and
providing Resident Engineer
Services during Construction

Project Area



Why do we need
this project?



Existing Issues

- Pedestrian and Bicycle
 - Inconsistent ped crossing treatment
 - Non-compliant ped accommodation
 - Lack of bicycle accommodation
- Roadway
 - Pavement condition is fair to poor
 - Limited sight distance in some areas
 - Horizontal clearance to utility poles

Existing Issues

- Traffic Operation Deficiencies
 - Corridor crash rate higher than statewide average
 - Inconsistent/non-retroreflective signs
 - Inadequate vehicle and pedestrian clearance times
 - Emergency Pre-Emption is not provided
 - Antiquated and poorly placed signal heads
 - Extensive queueing along Sea Street
 - Illegal parking/deficient shoulder width for parking

Existing Issues



- Non-compliant ped accommodation
- Antiquated traffic signals
- Poor pavement condition
- Extensive crack sealing

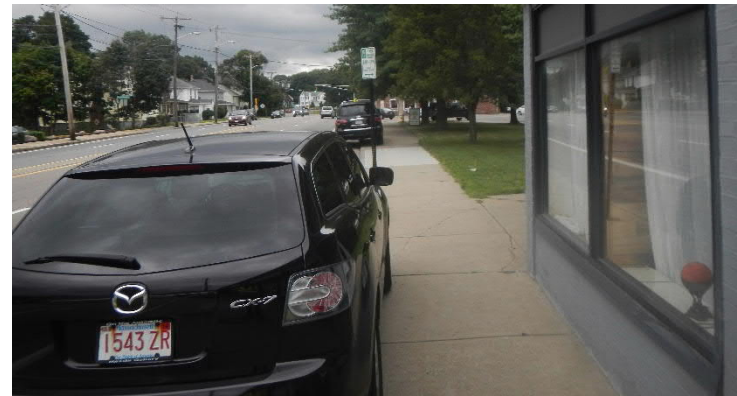


- Non-MUTCD compliant signs

Existing Issues



- Parking in shoulder



- Parking on sidewalk

Project Goals

- Improve Safety Operations for all users
- Improve Traffic Operations
- Improve Pedestrian Accommodation
- Improve Bicycle Accommodation

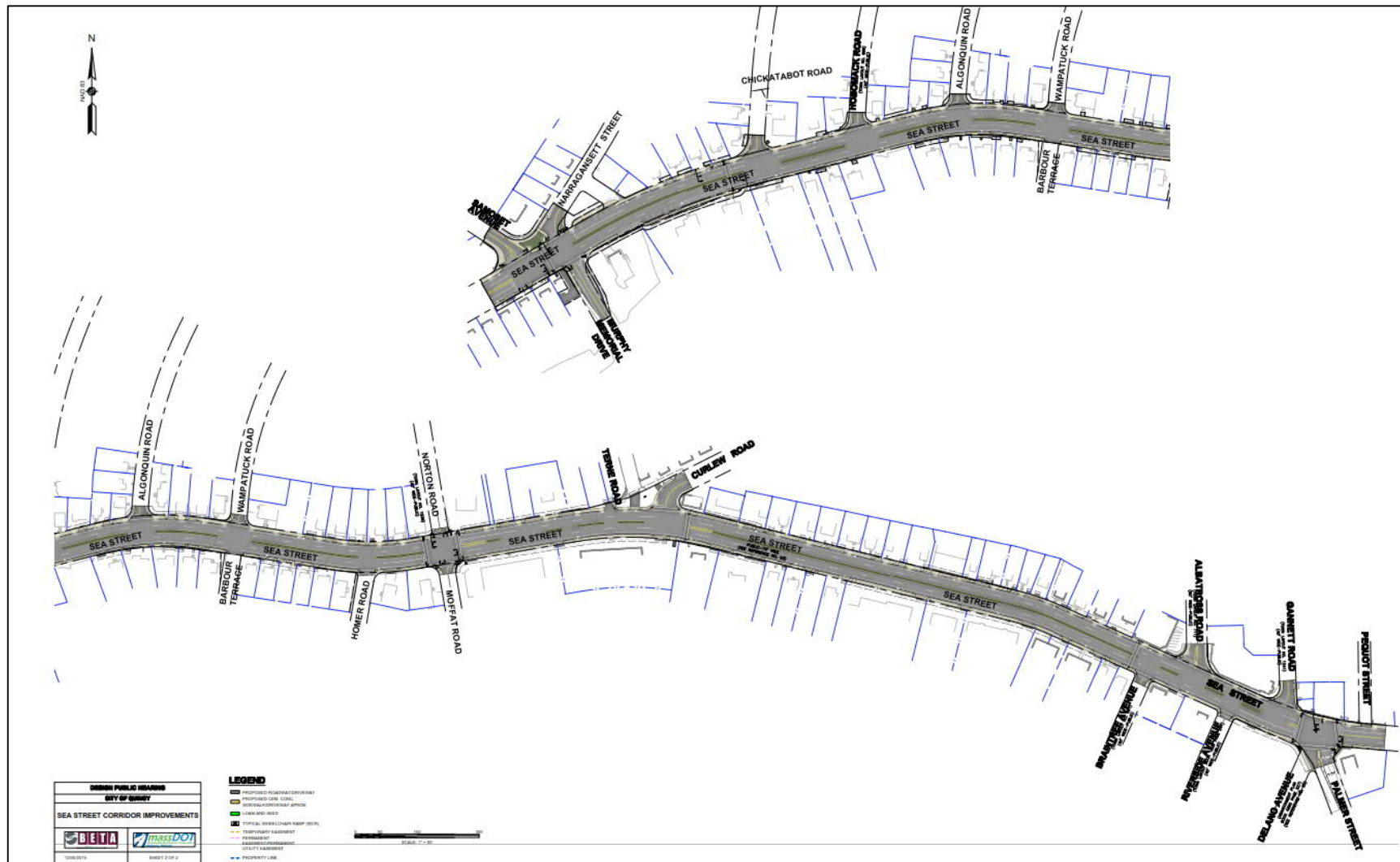


Proposed Corridor Improvements

- Provide two 11-foot lanes in both directions.
- Provide 5-foot shoulders accommodating bicycles along Sea Street in both directions
- Provide a raised median or scored concrete median for the majority of the project corridor, with breaks at intersecting streets.
- Rehabilitate pavement.
- Reconstruct sidewalks.
- Provide ADA and MassDOT compliant wheelchair ramps and sidewalks.
- Provide marked crosswalks across all intersecting side streets.
- Make drainage improvements.
- Provide new pavement markings and MUTCD compliant signs.
- Relocate utility poles to provide 18-inch min. clearance
- Provide parking bays.
- Update pedestrian phase timing and vehicle clearance times based on the latest MassDOT guidance.



Proposed Improvements

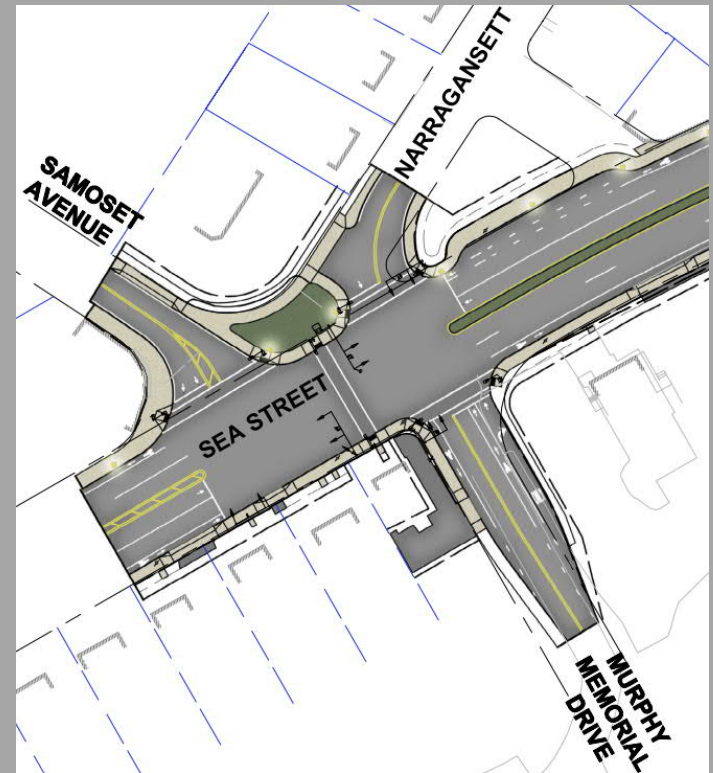




Proposed Intersection Improvements

Sea Street at Samoset Avenue, Narragansett Road and Murphy Memorial Drive:

- Realign Narragansett Road
- Add green space
- Provide a new traffic signal providing signalized control for all three intersecting side streets
- Relocate signalized pedestrian crosswalk to intersection.

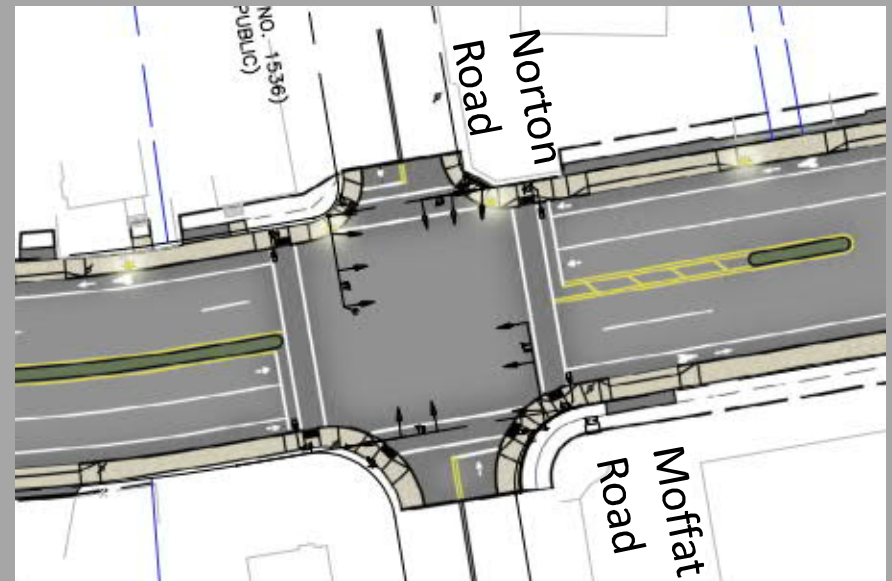




Proposed Intersection Improvements

Sea Street at Norton Road and Moffat Road:

- Replace the existing traffic signals.

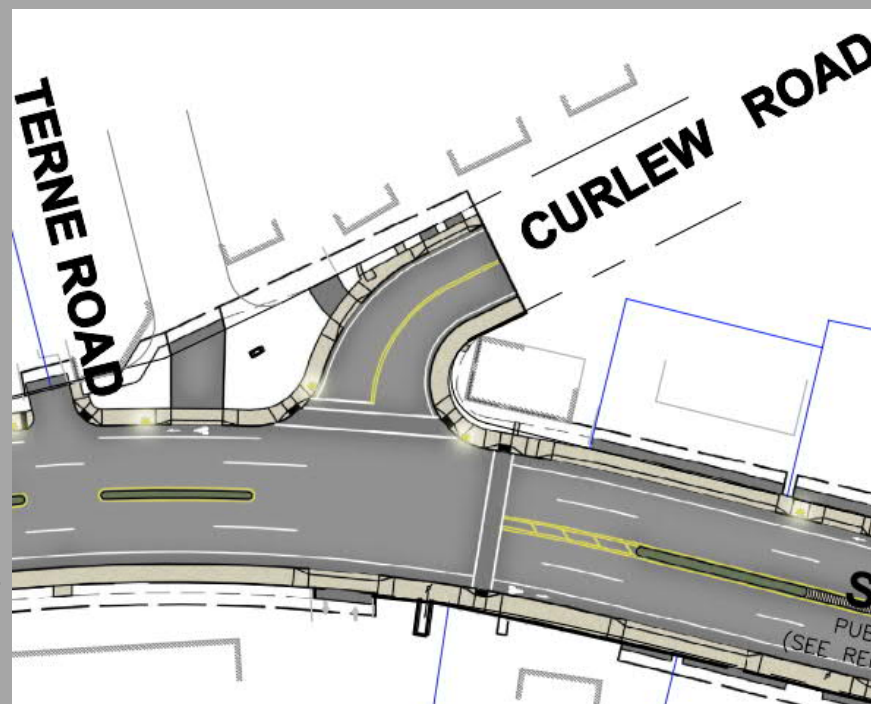




Proposed Intersection Improvements

Sea Street at Curlew Road:

- Eliminate the existing island separating the Curlew Road approaches
- Realign Curlew Road to intersect Sea Street at a 90° angle.
- Install a Rectangular Rapid Flashing Beacon (RRFB)
- Install advanced pedestrian crosswalk signing.





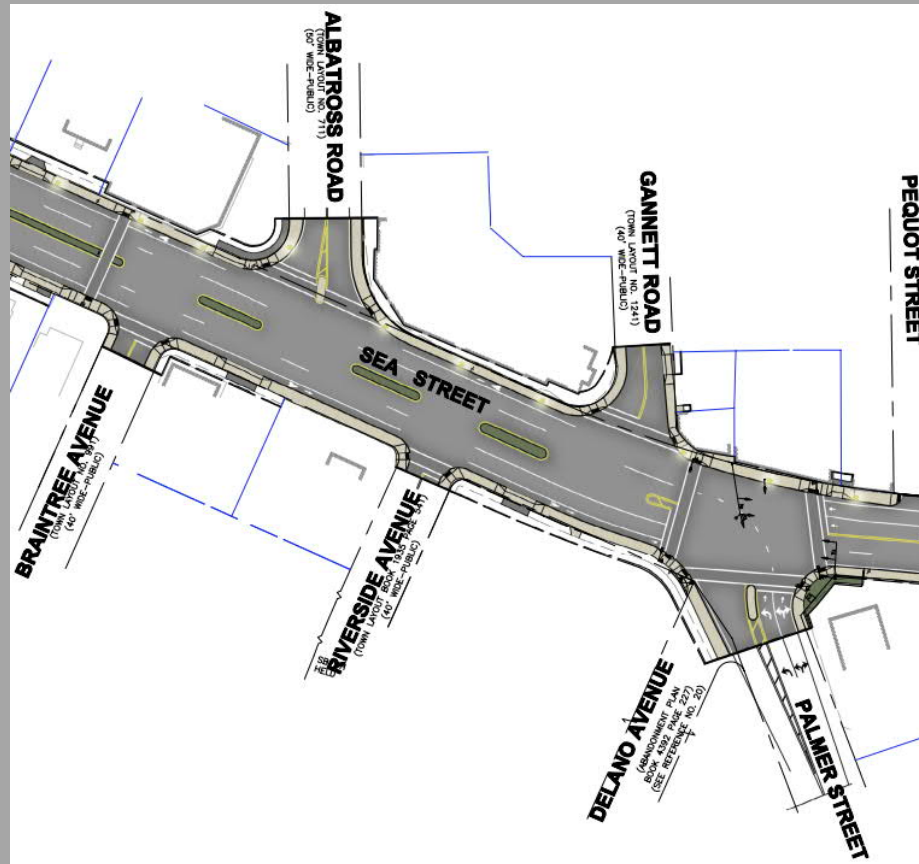
Proposed Intersection Improvements

Sea Street at Braintree Avenue:

- Install a Rectangular Rapid Flashing Beacon
- Install advanced pedestrian crosswalk signing.

Sea Street at Palmer Street:

- Replace the existing traffic signals.
- Provide lane designation signage and pavement markings.



Project Schedule

25% Design Submittal
February 2017

Design Public Hearing
December 2019

Final Design Complete
Spring 2023

Construction Starts
Summer 2023

How will traffic
be affected?



Minimal Traffic Impacts

- Sea Street and surrounding roadways will remain open during construction.
- Occasional short traffic disruptions may occur but every effort will be made to minimize inconvenience to the public.
- Lane closures on Sea Street during non-peak hours.
- Access to abutting properties maintained.
- ADA compliant pedestrian detours will be provided, if necessary.

Environmental Permitting



- Early Environmental Coordination
(Included in 25% submittal)

JC1

Do we need this slide?

Jaklyn Centracchio, 11/12/2019

Next Steps

Final Design upon competition of 25% DPH

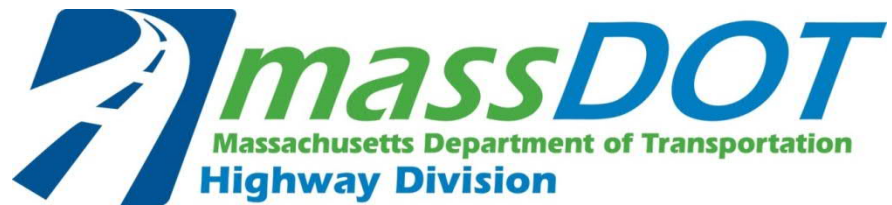
Final Design Complete – Spring 2023

Advertise for Construction – Summer 2023

Contact Information



- We want to hear your comments:
 - Please use mail-in comment sheets
 - Thomas Currier; Thomas.Currier2@state.ma.us



Thank You

Q&A

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